



1999 Toxics Release Inventory

CONNECTICUT

Reported Releases and Waste Management Activities (in pounds)

| | Original Industries | New Industries | Total |
|---|---------------------|------------------|--------------------|
| On-site Releases | 5,119,572 | 628,544 | 5,748,116 |
| Air Emissions | 4,086,522 | 628,282 | 4,714,804 |
| Surface Water Discharges | 1,011,848 | 262 | 1,012,110 |
| Underground Injection Class I Wells | 0 | 0 | 0 |
| Underground Injection Class II-V Wells | 0 | 0 | 0 |
| On-site Land Releases to RCRA Subtitle C Landfills | 0 | 0 | 0 |
| Other On-site Land Releases | 21,202 | 0 | 21,202 |
| Off-site Releases (Transfers Off-site to Disposal)* | 1,240,180 | 846,979 | 2,087,159 |
| Total On- and Off-site Releases | 6,359,752 | 1,475,523 | 7,835,275 |
| Recycled On-site | 79,028,146 | 0 | 79,028,146 |
| Recycled Off-site | 20,514,749 | 11,600 | 20,526,349 |
| Energy Recovery On-site | 3,396,139 | 0 | 3,396,139 |
| Energy Recovery Off-site | 2,209,746 | 0 | 2,209,746 |
| Treated On-site | 15,941,480 | 1,616,859 | 17,558,339 |
| Treated Off-site** | 6,425,266 | 243,674 | 6,668,940 |
| Quantity Released On- and Off-site*** | 6,569,723 | 1,700,730 | 8,270,453 |
| Total Production-related Waste Managed | 134,085,249 | 3,572,863 | 137,658,112 |
| Total Non-production-related Waste Managed | 79,605 | 25 | 79,630 |

Transfers Off-site for Further Waste Management/Disposal

| | | | |
|---|-------------------|------------------|-------------------|
| Recycling | 20,068,012 | 11,600 | 20,079,612 |
| Energy Recovery | 2,179,189 | 0 | 2,179,189 |
| Treatment | 4,526,291 | 128,671 | 4,654,962 |
| Publicly Owned Treatment Works (POTWs) | 1,527,735 | 91,636 | 1,619,371 |
| Metals and Metal Compounds* | 40,259 | 1,046 | 41,305 |
| Non-metal TRI Chemicals** | 1,487,476 | 90,590 | 1,578,066 |
| Other Off-site Transfers*** | 143 | 0 | 143 |
| Off-site Transfers to Disposal (not including metals to POTWs) | 1,250,987 | 881,515 | 2,132,502 |
| Total Transfers Off-site for Further Waste Management/Disposal | 29,552,357 | 1,113,422 | 30,665,779 |

* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code.

For More Information . . .

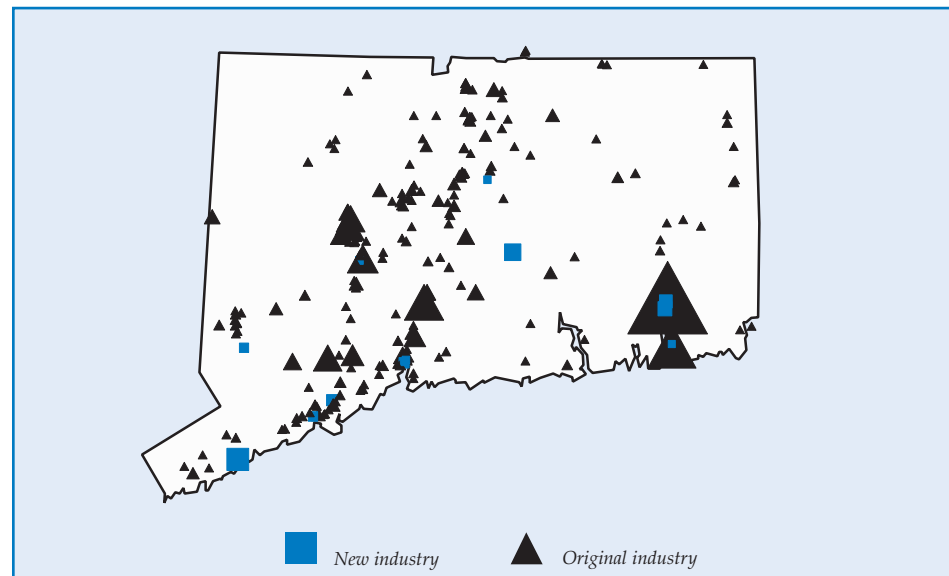
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To obtain TRI data use
assistance, call TRI User
Support Service (TRI-US):
(202) 260-1531
Fax: (202) 401-2347



The largest marker in the state map represents the largest facility for on-site releases in the state of Connecticut. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

| | |
|------------------|-----------|
| Population | 3,282,031 |
| Square Miles | 4,845 |
| Total Facilities | 319 |
| Total Forms | 905 |
| Form As | 96 |

| | Original Industries | New Industries | Total |
|---|---------------------|----------------|-------------|
| National Rank for Total On- and Off-site Releases* | | | |
| Rank | 41 | 48 | 47 |
| Pounds | 6,359,752 | 1,475,523 | 7,835,275 |
| National Rank for Total On-site Releases** | | | |
| Rank | 41 | 48 | 47 |
| Pounds | 5,119,572 | 628,544 | 5,748,116 |
| National Rank for Total Releases within State*** | | | |
| Rank | 42 | 48 | 47 |
| Pounds | 5,820,645 | 658,271 | 6,478,916 |
| National Rank for Production-related Waste Managed | | | |
| Rank | 32 | 46 | 38 |
| Pounds | 134,085,249 | 3,572,863 | 137,658,112 |

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



1999 Toxics Release Inventory

CONNECTICUT

On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Original Industries)

| CAS Number | Chemical | On-site Releases | | | | Off-site Releases | Total Releases in the State** | Off-site Transfers to Disposal | | |
|------------|--|----------------------|---------------------------------|------------------------------|---------------------------------|--|-------------------------------|--------------------------------|---------------------------------|---------------------------------|
| | | Air Emissions Pounds | Surface Water Discharges Pounds | Underground Injection Pounds | On-site Releases to Land Pounds | Transfers Off-site to Disposal* Pounds | | Transferred Into State Pounds | Transferred Within State Pounds | Transferred Out of State Pounds |
| -- | Nitrate compounds | 282 | 908,656 | 0 | 7,647 | 22,206 | 938,791 | 0 | 21,750 | 456 |
| 108-88-3 | Toluene | 668,436 | 298 | 0 | 1 | 689 | 669,424 | 563 | 0 | 689 |
| 75-09-2 | Dichloromethane | 557,856 | 255 | 0 | 2 | 0 | 558,113 | 0 | 0 | 0 |
| 75-68-3 | 1-Chloro-1,1-difluoro-ethane (HCFC-142b) | 442,340 | 0 | 0 | 0 | 0 | 442,340 | 0 | 0 | 0 |
| 67-56-1 | Methanol | 370,913 | 14,859 | 0 | 0 | 3,548 | 389,320 | 0 | 0 | 3,548 |
| 79-01-6 | Trichloroethylene | 308,203 | 0 | 0 | 0 | 0 | 308,203 | 0 | 0 | 0 |
| 75-00-3 | Chloroethane | 254,093 | 0 | 0 | 0 | 11 | 254,104 | 0 | 0 | 11 |
| -- | Zinc compounds | 7,356 | 10,778 | 0 | 40 | 232,209 | 250,383 | 22,337 | 49,223 | 182,986 |
| 78-93-3 | Methyl ethyl ketone | 205,885 | 0 | 0 | 1 | 0 | 205,886 | 0 | 0 | 0 |
| 7664-41-7 | Ammonia | 180,614 | 21,063 | 0 | 0 | 5 | 201,682 | 0 | 0 | 5 |

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Seven New Industries)

| CAS Number | Chemical | On-site Releases | | | | Off-site Releases | Total Releases in the State** | Off-site Transfers to Disposal | | |
|------------|-------------------------|----------------------|---------------------------------|------------------------------|---------------------------------|--|-------------------------------|--------------------------------|---------------------------------|---------------------------------|
| | | Air Emissions Pounds | Surface Water Discharges Pounds | Underground Injection Pounds | On-site Releases to Land Pounds | Transfers Off-site to Disposal* Pounds | | Transferred Into State Pounds | Transferred Within State Pounds | Transferred Out of State Pounds |
| 7664-93-9 | Sulfuric acid | 330,800 | 0 | 0 | 0 | 0 | 330,800 | 0 | 0 | 0 |
| -- | Nickel compounds | 5,301 | 240 | 0 | 0 | 220,495 | 226,036 | 0 | 378 | 220,117 |
| -- | Chromium compounds | 693 | 1 | 0 | 0 | 190,179 | 190,873 | 15,107 | 252 | 189,927 |
| 7439-92-1 | Lead | 0 | 0 | 0 | 0 | 164,282 | 164,282 | 0 | 43 | 164,239 |
| 7647-01-0 | Hydrochloric acid | 156,000 | 0 | 0 | 0 | 0 | 156,000 | 0 | 0 | 0 |
| -- | Zinc compounds | 3 | 14 | 0 | 0 | 113,490 | 113,507 | 527 | 4,566 | 108,924 |
| -- | Copper compounds | 3 | 2 | 0 | 0 | 89,532 | 89,537 | 0 | 219 | 89,313 |
| 7664-41-7 | Ammonia | 46,100 | 0 | 0 | 0 | 0 | 46,100 | 0 | 0 | 0 |
| -- | Barium compounds | 11 | 0 | 0 | 0 | 42,001 | 42,012 | 4 | 1 | 42,000 |
| 1634-04-4 | Methyl tert-butyl ether | 36,162 | 0 | 0 | 0 | 2 | 36,164 | 250 | 2 | 0 |

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.



1999 Toxics Release Inventory

CONNECTICUT

On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Original Industries)

| Facility, City, County | On-site Releases | | | | | | Total On-site Releases* | Off-site Releases (Transfers Off-site to Disposal) | |
|--|-----------------------|---------------------------------|----------------------|-------------------------|----------------------------------|------------------------------------|-------------------------|--|--------------------------|
| | Underground Injection | | | | | On-site Releases to Land | | Transferred Within State | Transferred Out of State |
| | Air Emissions Pounds | Surface Water Discharges Pounds | Class I Wells Pounds | Class II-V Wells Pounds | RCRA Subtitle C Landfills Pounds | Other On-site Land Releases Pounds | | | |
| Dow N.A. Allyn's Point Plant, Gales Ferry, New London | 704,949 | 10 | 0 | 0 | 0 | 0 | 704,959 | 0 | 50 |
| Pfizer Inc. Groton Site, Groton, New London | 168,775 | 221,915 | 0 | 0 | 0 | 0 | 390,690 | 6,455 | 21,915 |
| Cytec Inds. Inc., Wallingford, New Haven | 178,307 | 123,936 | 0 | 0 | 0 | 0 | 302,243 | 0 | 3,450 |
| Olin Corp. Somers Thin Strip Brass Group, Waterbury, New Haven | 219,000 | 52 | 0 | 0 | 0 | 0 | 219,052 | 1,512 | 16,170 |
| Summit Corp. of America, Thomaston, Litchfield | 3,820 | 195,368 | 0 | 0 | 0 | 0 | 199,188 | 0 | 36,521 |
| Spongex Int. Ltd., Shelton, Fairfield | 197,261 | 0 | 0 | 0 | 0 | 0 | 197,261 | 0 | 0 |
| Carlson Prods. Co., Derby, New Haven | 141,000 | 0 | 0 | 0 | 0 | 0 | 141,000 | 0 | 0 |
| U.S. Surgical Corp., North Haven, New Haven | 128,010 | 0 | 0 | 0 | 0 | 0 | 128,010 | 0 | 0 |
| Seidel Inc., Waterbury, New Haven | 0 | 112,968 | 0 | 0 | 0 | 7,647 | 120,615 | 0 | 0 |
| Philson Inc., Watertown, Litchfield | 1,830 | 100,000 | 0 | 0 | 0 | 0 | 101,830 | 0 | 0 |

*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Seven New Industries)

| Facility, City, County | On-site Releases | | | | | | Total On-site Releases* | Off-site Releases (Transfers Off-site to Disposal) | |
|---|-----------------------|---------------------------------|----------------------|-------------------------|----------------------------------|------------------------------------|-------------------------|--|--------------------------|
| | Underground Injection | | | | | On-site Releases to Land | | Transferred Within State | Transferred Out of State |
| | Air Emissions Pounds | Surface Water Discharges Pounds | Class I Wells Pounds | Class II-V Wells Pounds | RCRA Subtitle C Landfills Pounds | Other On-site Land Releases Pounds | | | |
| Norwalk Harbor Station, Norwalk, Fairfield | 185,102 | 0 | 0 | 0 | 0 | 0 | 185,102 | 0 | 18,730 |
| NRG Energy Inc.Middletown Station, Middletown, Middlesex | 117,100 | 0 | 0 | 0 | 0 | 0 | 117,100 | 0 | 0 |
| Montville Station, Uncasville, New London | 86,000 | 0 | 0 | 0 | 0 | 0 | 86,000 | 0 | 0 |
| AES Thames Generation Plant, Uncasville, New London | 72,422 | 18 | 0 | 0 | 0 | 0 | 72,440 | 5 | 91,600 |
| Devon Station, Milford, Fairfield | 49,000 | 0 | 0 | 0 | 0 | 0 | 49,000 | 0 | 0 |
| Gulf Oil L.P. New Haven Terminal, New Haven, New Haven | 39,045 | 5 | 0 | 0 | 0 | 0 | 39,050 | 0 | 0 |
| Wisvest-Connecticut L.L.C. Bridgeport Harbor Station, Bridgeport, Fairfield | 29,287 | 239 | 0 | 0 | 0 | 0 | 29,526 | 0 | 50,831 |
| Motiva Bridgeport Terminal, Bridgeport, Fairfield | 27,704 | 0 | 0 | 0 | 0 | 0 | 27,704 | 0 | 2 |
| Hubbard-Hall Inc., Waterbury, New Haven | 8,776 | 0 | 0 | 0 | 0 | 0 | 8,776 | 0 | 0 |
| Amerada Hess Corp. New Haven Terminal, New Haven, New Haven | 5,861 | 0 | 0 | 0 | 0 | 0 | 5,861 | 0 | 0 |

*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



1999 Toxics Release Inventory

CONNECTICUT

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Original Industries)

| Facility, City, County | Recycled On-site Pounds | Recycled Off-site Pounds | Energy Recovery On-site Pounds | Energy Recovery Off-site Pounds | Treated On-site Pounds | Treated Off-site Pounds | Quantity Released On- and Off-site* | Total Production- related Waste Managed Pounds | Total Non- Production- related Waste Managed Pounds |
|--|-------------------------------|--------------------------------|---|--|------------------------------|-------------------------------|---|--|---|
| Dow N.A. Allyn's Point Plant, Gales Ferry, New London | 0 | 0 | 856,000 | 0 | 3,030 | 648,950 | 704,621 | 2,212,601 | 0 |
| Pfizer Inc. Groton Site, Groton, New London | 0 | 0 | 0 | 0 | 1,058,890 | 3,390,512 | 422,830 | 4,872,232 | 0 |
| Cytec Inds. Inc., Wallingford, New Haven | 73,700,000 | 0 | 0 | 380,600 | 3,360,538 | 1,204 | 302,893 | 77,745,235 | 1,393 |
| Olin Corp. Somers Thin Strip Brass Group, Waterbury, New Haven | 0 | 0 | 0 | 5,300 | 0 | 0 | 236,656 | 241,956 | 0 |
| Summit Corp. of America, Thomaston, Litchfield | 0 | 2,160 | 0 | 0 | 201,232 | 0 | 235,758 | 439,150 | 0 |
| Echo Mfg. Co. Inc., Waterbury, New Haven | 0 | 130,585 | 0 | 0 | 135,260 | 0 | 181,820 | 447,665 | 0 |
| Spongex Int. Ltd., Shelton, Fairfield | 0 | 0 | 0 | 0 | 0 | 0 | 170,461 | 170,461 | 0 |
| Carlson Prods. Co., Derby, New Haven | 0 | 0 | 0 | 0 | 0 | 0 | 141,000 | 141,000 | 1 |
| U.S. Surgical Corp., North Haven, New Haven | 0 | 131,055 | 0 | 5 | 24,900 | 7,520 | 128,000 | 291,480 | 0 |
| Mahle Inc. Trumbull Plant, Trumbull, Fairfield | 0 | 10,145 | 0 | 0 | 121,445 | 119,507 | 119,513 | 370,610 | 0 |

*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Seven New Industries)

| Facility, City, County | Recycled On-site Pounds | Recycled Off-site Pounds | Energy Recovery On-site Pounds | Energy Recovery Off-site Pounds | Treated On-site Pounds | Treated Off-site Pounds | Quantity Released On- and Off-site* | Total Production- related Waste Managed Pounds | Total Non- Production- related Waste Managed Pounds |
|---|-------------------------------|--------------------------------|---|--|------------------------------|-------------------------------|---|--|---|
| Clean Harbors of Connecticut Inc., Bristol, Hartford | 0 | 0 | 0 | 0 | 350,400 | 218,119 | 935,020 | 1,503,539 | 8 |
| Norwalk Harbor Station, Norwalk, Fairfield | 0 | 0 | 0 | 0 | 710,000 | 0 | 204,000 | 914,000 | 0 |
| AES Thames Generation Plant, Uncasville, New London | 0 | 11,600 | 0 | 0 | 0 | 0 | 163,600 | 175,200 | 6 |
| NRG Energy Inc. Middletown Station, Middletown, Middlesex | 0 | 0 | 0 | 0 | 158,000 | 0 | 117,100 | 275,100 | 0 |
| Montville Station, Uncasville, New London | 0 | 0 | 0 | 0 | 150,000 | 0 | 86,000 | 236,000 | 0 |
| Wisvest-Connecticut L.L.C. Bridgeport Harbor Station, Bridgeport, Fairfield | 0 | 0 | 0 | 0 | 0 | 24,831 | 55,526 | 80,357 | 0 |
| Devon Station, Milford, Fairfield | 0 | 0 | 0 | 0 | 210,000 | 0 | 49,000 | 259,000 | 0 |
| Gulf Oil L.P. New Haven Terminal, New Haven, New Haven | 0 | 0 | 0 | 0 | 0 | 0 | 40,145 | 40,145 | 0 |
| Motiva Bridgeport Terminal, Bridgeport, Fairfield | 0 | 0 | 0 | 0 | 0 | 152 | 27,706 | 27,858 | 0 |
| Hubbard-Hall Inc., Waterbury, New Haven | 0 | 0 | 0 | 0 | 0 | 0 | 8,776 | 8,776 | 10 |

*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.